Philips
Car audio video system

CED228X

Seamless music and video enjoyment on the road

Enjoy multiple source movies, music & photos on the road with the Philips CED228. The system also features anti-theft detachable front panels & Blackout for security, and anti-shock protection for smooth grooves on the go.

Enrich your AV entertainment experience

- MP3 Link for portable music playback
- Play DVD, DVD+/-R, DVD+/-RW, (S)VCD, DivX® and MPEG4 movies
- USB Direct and SDHC card slots for music and video playback

Superb performance with full features

- 3-band parametric equalizer with 8 presets
- Built-in 45W x 4 amplifier for excellent sound quality
- Dynamic Bass Boost electronically enhances the low tones
- 7.6 cm (3") color TFT LCD screen
- Super anti-shock protection for smooth video and music
- Rear-view camera mode for backing up safety
- Dual video outputs for entertainment in rear seats

Design that blends into your car

- Detachable flip-down front panel for anti-theft security
- Perfect-fit 1.0 DIN chassis design

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Specifications

Picture/Display
- Display screen type: LCD TFT
- Diagonal screen size: 3"
- Resolution: 400(W) x 240(H) x 3(RGB)
- Aspect ratio: Widescreen
- Brightness: 400 cd/m²
- Contrast ratio (typical): 400
- Effective viewing area: 65.4 x 39.24 mm
- Key illumination: Blue/Red

Video Playback
- Playback Media: DVD, DVD-R/-RW, DVD+R/+RW, Video CD, SVCD, Picture CD, DivX
- Disc Playback Modes: A-B Repeat, Angle, Chapter repeat, Disc Menu, Fast Backward, Fast Forward, OSD, Repeat, Resume Playback from Stop, Search forward/reverse, Still Picture, Zoom
- Video disc playback system: NTSC, PAL
- DVD Region.: 4
- USB Direct Playback: JPEG, MPEG

Audio Playback
- Playback Media: CD, CD-R, CD-RW, MP3-CD, WMA, WMA-CD
- Compression format: Dolby Digital, MP3, WMA, WMA9
- Disc Playback Modes: Fast Forward/Backward, Introscan, Next/Previous Album Search, Next/Previous Track Search
- ID3 Tag support: Song title, artist, album
- MP3 bit rates: 32-320kbps and variable bit rate
- USB Direct / SD Modes: Play/Pause, Fast Backward/Fast Forward, Previous/Next, Repeat, Shuffle

Tuner/Reception/Transmission
- Tuner Bands: AM, FM Stereo
- Auto digital tuning
- Tuner Enhancements: Auto search and store
- No. of preset stations: 18(FM), 12(AM)
- RDS: Station Name, Station Information, Radio Text, Program Type, News & Traffic, RDS Clock Set

Sound
- Equalizer: 3-bands
- Equalizer settings: Classic, Jazz, Pop, Rock, Flat, Optimal, Techno, User defined
- Sound Enhancement: Dynamic Bass Boost
- Output power (MAX): 45Wx4 channels
- Output power (RMS): 22Wx4 (4Ohms, 10% THD)

Connectivity
- USB: USB 2.0 Host
- Memory card: SD, SDHC
- MP3-Link: For portable MP3 music playback
- Video Output - Analog: Composite video out
- Preamp output: 2 pairs RCA(L/R)

Security/Anti-theft
- Front panel: Detachable & flip-down
- Display blackout: 10/20 sec selectable

Accessories
- Remote control: Slim remote with battery
- Cables: MP3 Link cable
- User Manual: Brazilian Portuguese
- Quick start guide: Brazillian Portuguese

Power
- Power supply: 12V DC

Dimensions
- Product dimensions (W x H x D): 188 x 58 x 194 mm
- Chassis: 1 Din

Highlights

DBB Dynamic Bass Boost

Activate the Dynamic Bass Boost (DBB), and the low-end bass frequencies are electronically enhanced to achieve consistent sound reproduction, especially when the speaker volume is set at a low level. You hear impressive bass at all times.

Detachable front panel

Detachable flip-down front panel for anti-theft security

MP3 Link

The MP3 link connectivity allows direct playback of MP3 content from portable media players. Besides the benefit of enjoying your favorite music in the superior sound quality delivered by the audio system, the MP3 link is also extremely convenient as all you have to do is to plug your portable MP3 player to the audio system.

USB Direct and SDHC card slots

Thanks to the complete file transferability, you can easily enjoy the convenience and fun of accessing more music, videos and photos via the built-in USB Direct and SDHC card slots.

* Avoid extensive use of the set in a volume higher than 85 decibel because this may damage your hearing.

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